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LEADING NATIONAL EYE CARE - REACHING WORLD STANDARDS

# Telemedicine at VNIO ONE-YEAR REVIEW

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# Telemedicine in ophthalmic education

1. Teleconferences
2. Live demonstration
3. Ophthalmic education
4. Remote medical education





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# APAN 44 ophthalmology session



#794 The 44th APAN Meeting -Ophthalmology

2017.08.31

[Event]	[Comments]
The 44th APAN Meeting -Ophthalmology	
[Date] 2017.08.31	
[Venue] Dalian International Finance Conference Center (China), Vietnam National Institute Of Ophthalmology (Vietnam), Hue Central Hospital (Vietnam), 103 Military Hospital (Vietnam), Brawijaya University (Indonesia), Veterans Memorial Medical Center (Philippines)	
 <p>Vietnam Institute of Ophthalmology</p>	 <p>HUE CENTRAL HOSPITAL</p>
Dr. Cuong, the organizer of this session.	Dr. Tuyen (etc), the chair of this session.
Picture taken at: Kyushu University Hospital	Picture taken at: Kyushu University Hospital
	
A presented slide.	A presented slide.
Picture taken at: Kyushu University Hospital	Picture taken at: Kyushu University Hospital
 <p>Brawijaya</p>	
Monitor show a doctor (L) giving a presentation and connected sites.	Teleconference view at the main venue.
Picture taken at: Kyushu University Hospital	Picture taken at: Dalian International Finance Conference Center



# APAN 47- Ophthalmology session

## Cosmetic Blepharoplasty: what is happening?

Opening Remarks and Introduction	Dr. Dinh Viet Nghia (108 Hospital), 108 Hospital venue
Double eyelid surgery: Easy but not easy.	Dr. Nguyen Thi Hien Dr Hoang Cuong, VNIO venue
Preservation of vessels and sensory nerves in blepharoplasty.	Dr. Dinh Viet Nghia (108 Hospital), 108 Hospital venue
Effect of orbital decompression by endoscopic endonasal approach in Graves' orbitopathy.	Dr. Pham Thi My Hanh (103 Hospital), 103 Hospital venue
Frontalis muscle flap using in treatment of blepharoptosis: current status in Vietnam	Dr. Pham Ngoc Minh (108 Hospital), 108 Hospital venue
Closing Remarks	Dr. Dinh Viet Nghia



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# Ophthalmology session in APAN47





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# AT VNIO





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# AT VNIO





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# Telemedicine Engineer Training at APAN 47

## Results:

- Improving teamwork skills;
- Operating and connecting devices used in Telemedicine (vidyo, polycom, zoom, video splitter, PA system... )
- Experiencing troubleshooting;
- Improving English communication.







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Device setup and team meeting at venue



# Future plan

To continue using free services such as Skype, Zoom...  
and connecting session of Telemedicine hosted by TEMDEC

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<p>Dr. <u>Cuong</u>, the organizer of this session. Picture taken at: Kyushu University Hospital</p>	<p>Dr. <u>Tuyen</u> (ctr), the chair of this session. Picture taken at: Kyushu University Hospital</p>



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## Future plan

- Domestic teleconferences: case study, seminar, workshop, training...3 months/session
- International teleconferences: 6 months/session/ APAN 48 – ophthalmic session and...





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# Future plan (to be continued)

We have planned to build a system for Teleconference






VidvoRoom





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## Future plan (to be continued)

Device	
Vidyo HD230	
Camera HD-610	
Microphone Shupu EDM 2400	



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## Future plan (to be continued)

### **Equipment required:**

Camera, conference microphones, server with 10-20 licenses to provide for other units.

### **Advantages :**

Be active in all meetings, training courses, seminars ....

Long-lasting

### **Disadvantages:**

IT staff has not had much experience in implementation





## Lessons learned

- In order to develop telemedicine, it is essential to improve in-hospital communication and management systems.
- Doctors, especially young ones, who are eager to learn will help telemedicine become more widely used.





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# Thank you !

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